

USA

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

30 NOV. 1998

PCT

To:

Internationaal Octrooibureau
B.V.
P.O. Box 220
NL-5600 AE EINDHOVEN
Nederlânderna

DEGW

NOTIFICATION OF TRANSMITTAL OF
THE INTERNATIONAL SEARCH REPORT
OR THE DECLARATION

(PCT Rule 44.1)

Date of mailing
(day/month/year)

26-11-1998

Applicant's or agent's file reference

PHA.1306WO

FOR FURTHER ACTION See paragraphs 1 and 4 below

International application No.

PCT/IB98/00244

International filing date
(day/month/year)

27-02-1998

Applicant

Koninklijke Philips Electronics N. V.
et al

1. ☒ The applicant is hereby notified that the international search report has been established and is transmitted herewith.

Filing of amendments and statement under Article 19:

The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46):

When? The time limit for filing such amendments is normally 2 months from the date of transmittal of the international search report; however, for more details, see the notes on the accompanying sheet.

Where? To the International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland
Facsimile No.: (41-22) 740.14.35

For more detailed instructions, see notes on the accompanying sheet.

2. ☐ The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect is transmitted herewith.

3. ☐ With regard to the protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:

☐ the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.

☐ no decision has been made yet on the protest: the applicant will be notified as soon as a decision is made.

4. Further action(s): The applicant is reminded of the following:

Shortly after 18 months from the priority date, the international application will be published by the International Bureau.

If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for international publication.

Within 19 months from the priority date, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later).

Within 20 months from the priority date, the applicant must perform the prescribed acts for entry into the national phase before all designated Offices which have not been elected within 19 months from the priority date or could not be elected because they are not bound by Chapter II.

Name and mailing address of the ISA/

Patent- och registreringsverket

Box 5055

S-102 42 STOCKHOLM

Facsimile No. 08-667 72 88

Telex

17978

PATOREG-S

Authorized officer

Rake Bostrom

Telephone No.

08-782 25 00

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference PHA 1306W0	FOR FURTHER ACTION	see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.
International application No. PCT/IB 98/00244	International filing date (<i>day/month/year</i>) 27 February 1998	(Earliest) Priority Date (<i>day/month/year</i>) 21 March 1997
Applicant Koninklijke Philips Electronics N.V. et al		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. ☐ Certain claims were found unsearchable (See Box I).

2. ☐ Unity of invention is lacking (See Box II).

3. ☐ The international application contains disclosure of a nucleotide and/or amino acid sequence listing and the international search was carried out on the basis of the sequence listing

☐ filed with the international application.
☐ furnished by the applicant separately from the international application,

☐ but not accompanied by a statement to the effect that it did not include matter going beyond the disclosure in the international application as filed.

☐ transcribed by this Authority.

4. With regard to the title, ☒ the text is approved as submitted by the applicant.
☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.
☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is:

Figure No. 3 ☒ as suggested by the applicant. ☐ None of the figures.
☐ because the applicant failed to suggest a figure.
☐ because this figure better characterizes the invention.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB 98/00244

A. CLASSIFICATION OF SUBJECT MATTER

IPC6: H03M 1/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC6: H03M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EDOC, WPIL, JAPIO, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 3836823 A1 (AEG OLYMPIA AG), 3 May 1990 (03.05.90), see the whole document	1,2,12,13,14
Y	--	5,15
X	US 5345234 A (BRETT STEWART ET AL), 6 Sept 1994 (06.09.94), figure 2, abstract	9,10
Y	figure 2, abstract	5,15
X	US 5177697 A (PAUL C. SCHANEN ET AL), 5 January 1993 (05.01.93), figure 3, abstract	1,7,12
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☒ Further documents are listed in the continuation of Box C. ☒ See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier document but published on or after the international filing date	"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"I" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

Date of mailing of the international search report

25 November 1998

26-11-1998

Name and mailing address of the ISA/
Swedish Patent Office
Box 5055, S-102 42 STOCKHOLM
Facsimile No. +46 8 666 02 86

Authorized officer

Eva Jedermark
Telephone No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB 98/00244

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 2110490 A (RCA CORPORATION), 15 June 1983 (15.06.83), figure 1, abstract --	1
A	EP 0383151 A1 (NATIONAL SEMICONDUCTOR CORPORATION), 22 August 1990 (22.08.90), figure 2, abstract --	8
A	EP 0655841 A1 (NOKIA MOBILE PHONES LTD.), 31 May 1995 (31.05.95), figure 1, abstract --	1
A	EP 0272756 A2 (PHILIPS ELECTORIC AND ASSOCIATED INDUSTRIES LIMITED), 29 June 1988 (29.06.88), see the whole document -- -----	5

INTERNATIONAL SEARCH REPORT

Information on patent family members

03/11/98

International application No.

PCT/IB 98/00244

Patent document cited in search report			Publication date	Patent family member(s)		Publication date
DE	3836823	A1	03/05/90	PT	92137 A	30/04/90
US	5345234	A	06/09/94	EP	0641084 A	01/03/95
				JP	7154255 A	16/06/95
				US	5450085 A	12/09/95
US	5177697	A	05/01/93	CA	2042186 A	01/03/92
				EP	0498882 A	19/08/92
				JP	4505090 T	03/09/92
				WO	9204775 A	19/03/92
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				CA	1197320 A	26/11/85
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				FI	96811 B,C	15/05/96
				FI	935346 A	31/05/95
				JP	7202693 A	04/08/95
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				GB	2199710 A	13/07/88
				JP	1175322 A	11/07/89
				JP	2612014 B	21/05/97
				US	4849759 A	18/07/89